Frame prefix: FR95B

Telescope: 61"

Date: April 3, 1994 UT

Sun/Mon 4-2/4-3

Focus: 3470 dec

Iris:

Tailpiece:

Balance:

Humidity:

Temp:

Sheet #: 1

Observers: Grundy, Hicks, Fink

Guidepoint (393, 413)

Exp. #	Object	Exp. time	Filter (slit)	Counts: Peak/Phot	UT time Start	RA α	Dec δ	SecZ	Comments: seeing, moon, LHA, VME crashes, clouds, etc.
	Harrington	60	OPEN		~3:45	4:33:13	17:05:39	2.2	+4:30 LHA
	"			Not found → cloudy					
	Gehrels 3	60	Open		~9:15	13:57:12	-12:53:27	1.45	+:40 LHA Focus = 3625 octal?
	"			Not found (lots of galaxies, though)					
	?	60	Open		~10:00	18:33:54	00:25:43	1.72	-3:00 LHA
	"			Not found, very crowded star field, too					
	Clark	60	V	Pk - 11k Ph - 64k	~11:30	18:00:55	-22:01:13	1.81	-1:05 Found it in extreme southeast corner of field
256² 1	"	"	"	Pk - 18k Ph - 403k	11:35:30	18:01:07	-22:02:57	1.80	-1:03
	"	"	Open		11:50	18:01:09	-22:03:05	1.79	-:58 (focus is lousy w/ open)
512² 2	Wirtanen	60	V	sky 2400 +Bias	11:47	19:05:54	-24:51:28	2.23	-1:56 much better w/ V
" 3	"	300	V	8400 = sky + bias	11:51	19:05:54	-24:51:26	2.21	-1:52 (3622 octal)
" 4	"	"	"	S+B = 10,000	11:57	19:05:55	-24:51:14	2.16	-1:46
" 5	"	"	"	S+B = 11500	12:03			2.12	-1:40
" 6	"	"	"	S+B = 15000	12:09	19:05:56	-24:51:11	2.09	-1:35 Dawn sky
" 7	"	"	"	S+B = 30000	12:14:28	19:5:56	-24:51:13	2.06	-1:29 coming up

WF

Telescope: 61" (2k x 2k CCD)

Iris: 1175 octal dec

Frame prefix #: FR95B Day of Week: UT April 4, 1995

Focus: 1060 Humdty: 64% Sheet #: 2

Tailpiece:

Observers: FINK HICKS GRUNDY Date MST/UT: Mon/Tues 3/4

Balance: Temp O/I:

Guidepoint:

Exp #	Object	Exp time	Filter slit	Counts Object/Sky	Exp start UT	RA set	Dec set	Hour-angle exp-start	SecZ	Comments: VME crashes, seeing, ~~Moon~~, clouds, etc.
B	SA-80	0.5	V		5:17	12:17:23	14:28:15	-1:30	1.12	Gain = 1
4	Field 1	600	V		5:31	12:18:43	14:08:14	-1:21	1.11	
5	Field 2	600	V		5:45	12:18:43	13:53:14	-1:08	1.10	
6	Field 3	600	V	Diac 1000 Sky 2000	5:58	12:18:43	13:38:13	-:55	1.08	
7	Field 4	600	V		6:12	12:17:43	13:38:14	-:40	1.07	Jumped in dec
8	Field 4	600	V		6:29	12:17:42	13:38:18	-:23	1.06	
9	Field 5	600	V		6:42	12:17:42	13:53:19	-:10	1.05	
10	Field 6	600	V		6:55	12:17:42	14:08:18	+:03	1.05	
11	Field 7	600	V		7:08	12:16:42	14:08:18	+:17	1.05	
12	Field 8	600	V		7:20	12:16:42	13:53:18	+:29	1.06	
13	Field 1	600	V		7:33	12:18:43	14:08:14	+:39	1.07	
14	Field 2	600	V		7:45	12:18:43	13:53:14	+:52	1.08	
15	Field 3	600	V		7:58	12:18:43	13:38:13	+:105	1.09	Jumped in dec
16	Field 4	600	V		8:10	12:17:42	13:38:19	+1:18	1.11	Jumped again!
17	Field 3	600	V							moved weights back

Telescope: 61" 2k x 2k CCD

Iris:

Frame prefix #: WF95B Day of Week: April 4 (UT) 1995

Focus: Humdty: Sheet #: 3

Tailpiece:

Observers: Grundy, Hicks, Fink Date MST/UT: Mon/Tues April 3/4

Balance: Temp O/I:

Guidepoint:

Exp #	Object	Exp time	Filter slit	Counts Object/Sky	Exp start UT	RA set	Dec set	Hour-angle exp-start	SecZ	Comments: VME crashes, seeing, ~~Moon~~, clouds, etc
18	Field 4	600	V		8:38	12:17:42	13:38:19	+1:48	1.17	
19	Field 5	"	"		8:50	12:17:42	13:53:19	+1:58	1.19	
20	Field 6	"	"		9:03	12:17:42	14:08:19	+2:11	1.22	
21	Field 7	"	"		9:15	12:16:42	14:08:18	+2:25	1.26	
22	Field 8	"	"		9:28	12:16:42	13:53:18	+2:37	1.31	
23	Field 8	"	Open	sky 20k	9:44	12:16:42	13:53:19	+2:53	1.38	
24	STD: LA-84-334	1	V		10:17	16:16:32	14:41:39	-:33	1.06	
25	"	5	V	30k peak	10:20				1.06	
26	"	5	V		10:23			-:27	1.06	
27	"	1	Open	15k peak	10:25	16:16:28	14:41:39	-:25	1.05	
28	Wirtanen field	600	V+R		10:59	19:06:12	-24:52:10	-2:41	2.76	
29	"	"	Open		11:14			-2:26	2.55	
30	"	"	"		11:27	19:06:12	-24:52:14	-2:13	2.40	
31	"	"	"	sky 27k	11:39			-2:01	2.28	
32	"	"	"	sky 28k	11:51			-1:49	2.18	

Telescope: 61"

Iris:

Frame prefix #: WF95B

Day of Week: April 4 (UT) 1995

Focus:

Humdty: 66%

Sheet #: 4

Tailpiece:

Observers:

Date MST/UT:

Balance:

Temp O/I: 33/37 °F

Guidepoint:

Exp #	Object	Exp time	Filter slit	Counts Object/Sky	Exp start UT	RA set	Dec set	Hour-angle exp-start	SecZ	Comments: ~~Wind, clouds~~, seeing, ~~Moon~~, ~~clouds~~, etc.
33	Wirtanen field	600	Open	sky 41 k	12:03	19:06:20	-24:52:19	-1:37	2.10	
34	Wirtanen field (sky)	100	"	sky 25k	12:19			-1:20	2.01	
35	Wirtanen field (sky)	60	"	sky 35k	12:24			-1:15	1.99	
36	"	30	"	sky 31 k	12:27	19:06:07	-24:49:05	-1:12	1.97	
37	"	10	"	sky <20k	12:30			-1:09	1.96	

Telescope: 61" Wide field 2k x 2k

Frame prefix #: WF95B Day of Week: April 5 UT RA offset: Focus: 1232 dec Humdty: Sheet #: 5

Tailpiece:

Observers: Fink, Hicks, Grundy Date MST/UT: Dec offset: Balance: 950 Temp O/I: 40/42 °F

Exp #	Object	Exp time	Filter slit	Counts Object/Sky	Exp start ~~MST~~ UT	RA set	Dec set	Hour-angle exp-start	sec z (P.A., seeing, Moon ~~humdty~~ etc.)	Comments
38	SA field 3	600	V+R	sky ~ 6400	~4:48	12:18:43	13:38:13	-~2:00	1.19	setting
39	"	"	"	sky ~ 6300	4:59	"	"	-1:50	1.17	
40	"	"	"	sky ~ 6200	5:13	"	"	-1:36	1.14	
41	field 4	"	"		5:27	12:17:42	13:38:18	-1:22	1.12	
42	"	"	"		5:39	12:17:44	13:38:18	-1:10	1.10	
43	"	"	"		5:51	12:17:46	13:38:18	-:58	1.08	
44	field 9	"	"		6:04	12:16:46	13:38:18	-:43	1.07	
45	"	"	"		6:16	12:16:44	13:38:18	-:31	1.06	
46	"	"	"	sky ~ 5800	6:29	12:16:42	13:38:19	-:18	1.06	
47	field 10	"	"		6:41	12:15:42	13:38:19	-:05	1.06	
48	"	"	"		6:53	12:15:44	13:38:18	+:07	1.06	
49	"	"	"	sky 5400	7:06	12:15:46	13:38:18	+:19	1.06	
50	field 3	"	"		7:19	12:18:40	13:38:14	+:30	1.06	
51	"	"	"		7:31	12:18:38	13:38:13	+:42	1.07	
52	"	"	"		7:43	12:18:36	13:38:14	+:55	1.08	

Telescope: 61"

Iris:

Frame prefix #: WF95B Day of Week: April 5, 1995 (UT)

Focus: 1232 dec Humdty: Sheet #: 6

Tailpiece:

Observers: Hicks, Grundy Date MST/UT: Tues/Wed

Balance: Temp O/I:

Guidepoint:

Exp #	Object	Exp time	Filter slit	Counts Object/Sky	Exp start UT	RA set	Dec set	Hour-angle exp-start	SecZ	Comments: VME crashes, seeing, ~~[illegible]~~, clouds, etc.
53	field 4	600	V+R		7:56	12:17:42	13:38:18	+1:08	1.10	Hazy
54	"	"	"		8:08	12:17:40	13:38:19	1:20	1.11	
55	"	"	"	sky=5800	8:21	12:17:38	13:38:19	1:33	1.14	
56	field 9	"	"		8:33	12:16:42	13:38:18	1:47	1.16	
57	"	"	"		8:45	12:16:40		1:59	1.19	
58	"	"	"		8:58	12:16:38		2:11	1.22	
59	field 10	"	"		9:10	12:15:42	13:38:18	2:24	1.27	
60	"	"	"		9:22	12:15:40		2:36	1.31	
61	"	"	"		9:34	12:15:38		2:48	1.36	
62	LAN-84-334	2 sec	"	20k (2 shots) 14k	9:58	16:16:30	14:41:39	-0:48	1.07	
63	"	"	"		10:00				"	
64	"	"	"		10:01				"	
65	"	"	"		10:02	16:16:28	14:41:39	-:44	1.07	

Telescope: 61"

Iris:

Frame prefix #: WF95B

Day of Week: April 5, 1995 (UT)

Focus: 1232

Humdty:

Sheet #: 7

Tailpiece:

Observers: Hicks, Grundy

Date MST/UT: Tues/Weds. 4/5

Balance:

Temp O/I:

Guidepoint:

Exp #	Object	Exp time	Filter slit	Counts Object/Sky	Exp start UT	RA set	Dec set	Hour-angle exp-start	SecZ	Comments: VME crashes, seeing, Moon, clouds, etc
66	Wirtanen field 1	600	V+R		10:50	19:06:09	-24:52:54	-2:46	2.85	
67	" 2	"	"	Sky = 9700	11:02	19:06:49	-24:52:51	-2:34	2.66	
68	EN " 1	"	"	Sky = 9400	11:14.5	19:06:10	-24:52:41	-2:21	2.49	
69	EN " 2	"	"		11:27	19:06:50	-24:52:41	-2:09	2.36	
70	SW " 1	"	"	Sky = 9400	11:39	19:06:08	-24:53:02	-1:56	2.24	
71	SW " 2	"	"	Sky = 10300	11:51	19:06:48	-24:53:01	-1:45	2.15	
72	NW " 1	"	"	Sky = 19500	12:04	19:06:08	-24:52:41	-1:32	2.07	Dawn